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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
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| 10/668,973 | 09/24/2003 | Takashi Yano | 240117US-2 CONT | 1462 |
| 22850 7590 09/05/2007 OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT, P.C. 1940 DUKE STREET ALEXANDRIA, VA 22314 | | | EXAMINER AHN, SANGWOO | |
| | | | ART UNIT 2166 | PAPER NUMBER |
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Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

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| | | | |
|------------------------------|--------------------------------------|------------------------------------|--|
| Office Action Summary | Application No. 10/668,973 | Applicant(s) YANO ET AL. | |
| | Examiner Sangwoo Ahn | Art Unit 2166 | |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 12 February 2007.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 2-9, 11-22 and 24-34 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 2-9, 11-22 and 24-34 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Reopened

In view of the Appeal Brief filed on 2/12/2007, PROSECUTION IS HEREBY REOPENED. New grounds of rejection are set forth below. To avoid abandonment of the application, appellant must exercise one of the following two options:

(1) file a reply under 37 CFR 1.111 (if this Office action is non-final) or a reply under 37 CFR 1.113 (if this Office action is final); or,

(2) initiate a new appeal by filing a notice of appeal under 37 CFR 41.31 followed by an appeal brief under 37 CFR 41.37. The previously paid notice of appeal fee and appeal brief fee can be applied to the new appeal. If, however, the appeal fees set forth in 37 CFR 41.20 have been increased since they were previously paid, then appellant must pay the difference between the increased fees and the amount previously paid.

Response to Arguments

Applicant's arguments have been considered but are moot in view of the new ground(s) of rejection.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the

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invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

This application currently names joint inventors. In considering patentability of the claims under 35 U.S.C. 103(a), the examiner presumes that the subject matter of the various claims was commonly owned at the time any inventions covered therein were made absent any evidence to the contrary. Applicant is advised of the obligation under 37 CFR 1.56 to point out the inventor and invention dates of each claim that was not commonly owned at the time a later invention was made in order for the examiner to consider the applicability of 35 U.S.C. 103(c) and potential 35 U.S.C. 102(e), (f) or (g) prior art under 35 U.S.C. 103(a).

Claims 2-9, 11-22 and 24-34 are rejected under 35 U.S.C. 103(a) as being unpatentable over Robert J. Kamper ('Kamper', hereinafter), US Patent 5,982,370 in view of Fujisawa et al., ('Fuji', hereinafter), US Patent 5,555,408.

■ With respect to claim 2, Kamper discloses,

A method of managing information comprising:

identifying a word of an image as a keyword (Figure 5b, column 6 lines 42 – 43, et seq.);

determining a search result corresponding to the keyword (Figure 5c: SEARCH FOR, et seq.);

displaying, on a display unit, a pop-up menu (Figure 5c, d and f, et seq.);

displaying information corresponding to the search result (Figure 5d, column 7 lines 9 – 10, et seq.); and

displaying additional information corresponding to a selection of a portion of the displayed information (Figure 5e, f and g, column 7 lines 13 – 15 and 24 – 26, et seq.).

Although Kamper does teach that the content of the search result can be displayed in a web browser (Figure 5d, column 3 lines 41 – 43, et seq.), Kamper does not explicitly disclose “a pop-up menu based on a content of the search result.”

However, Fuji discloses the pop-up menu based on the content of the search result in Figure 32 and column 32 lines 4 – 9. It would have been obvious to a person of ordinary skill in the data processing art at the time the invention was made to modify Kamper’s method of managing information to incorporate Fuji’s pop-up menu based on a content of the search result, thus enabling the end user to query easily desired contents. Both references are in the analogous art of information retrieval system, particularly to a human interface of an intellectual query system permitting the end user to query efficiently information stored in a network structure.

■ As to claim 3,

Kamper teaches wherein the image is displayed on a display unit (Figure 5b, column 3 lines 15 – 17, et seq.).

■ As to claim 4,

Kamper teaches wherein the information corresponding to the search result is displayed on a display unit (Figure 5d, column 3 lines 41 – 43, et seq.).

■ As to claim 5,

Kamper teaches wherein the step of displaying additional information is performed without altering a file corresponding to the image (column 3 lines 14 – 22, column 10 lines 26-37, et seq.).

■ As to claim 6,

Kamper teaches selecting, after the step of displaying information and before the step of displaying additional information, the portion of the displayed information (column 15 lines 14 – 22, column 10 lines 26-37, et seq.).

■ As to claim 7,

Kamper teaches wherein the determining step comprises: determining the search result using a search engine accessible by a browser (column 15 lines 14 – 22, column 10 lines 26-37, et seq.).

■ As to claim 8,

Kamper teaches wherein the step of identifying a word is performed using a pointing device (Figure 5b, column 10 lines 26-37, et seq.).

■ As to claim 9,

Kamper teaches wherein the step of identifying a word is performed using a cursor position (Figure 5b, column 10 lines 26-37, et seq.).

■ As to claim 11,

Kamper teaches wherein the identified word is a non-linked word (Figure 5b, column 10 lines 26-37, et seq.).

■ As to claim 12,

Kamper teaches wherein, when a file is displayed on a display unit,

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a word from the file is identified as the keyword specified by a cursor on the display unit (Figure 5b, column 3 lines 14 – 22, column 10 lines 26-37, et seq.).

■ As to claim 13,

Kamper teaches displaying, on a display unit, in a space adjacent to the keyword, a menu comprising menu items for specifying search criteria for a search engine (column 3 lines 16-23, et seq.); and

specifying the menu item by a cursor, wherein the keyword and the menu items specified are input into the search engine (Figure 5c, column 3 lines 16 – 23, column 7 lines 55 – 58, et seq.).

■ As to claim 14,

Kamper teaches wherein the menu is for specifying at least one search database (column 3, lines 16-23, et seq.).

■ As to claim 15,

Kamper teaches displaying, on a display unit, in a space adjacent to the keyword, a menu for specifying output criteria of the search result (Figure 5c, f and h, column 3 lines 16 – 23, column 7 lines 55 – 58, et seq.).

■ As to claim 16,

Kamper teaches wherein the menu is for specifying where to output the search result (Figure 5c, f and h, column 3 lines 16 – 23, column 7 lines 55 – 58, et seq.).

■ With respect to claim 17, Kamper discloses an information management

device, comprising:

a display unit configured to display an image (Figure 5b, column 3 lines 15 – 17, et seq.);

an identification unit configured to identify a word displayed in the image to be a keyword (Figure 5b, column 3 lines 17 – 20, et seq.); and

a search unit configured to input the keyword and to output a search result corresponding to the keyword (Figure 5c and d, column 6 lines 55 – 58, column 7 lines 9 – 10, et seq.),

wherein the display unit is configured to obtain the search result corresponding to the keyword from the search unit, to display a pop-up menu prepared (Figure 5c, et seq.), to display information corresponding to the search result (Figure 5d, et seq.), and to display additional information corresponding to a selection of a portion of the displayed information (Figures 5e, f and g, column 7 lines 13 – 15, 19 – 23, et seq.).

Although Kamper does teach that the content of the search result can be displayed in a web browser (Figure 5d, column 3 lines 41 – 43, et seq.), Kamper does not explicitly disclose “a pop-up menu based on a content of the search result.”

However, Fuji discloses the pop-up menu based on the content of the search result in Figure 32 and column 32 lines 4 – 9. It would have been obvious to a person of ordinary skill in the data processing art at the time the invention was made to modify Kamper’s information management device to incorporate Fuji’s pop-up menu based on a content of the search result, thus enabling the end user to query easily desired contents. Both references are in the analogous art of information retrieval system,

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particularly to a human interface of an intellectual query system permitting the end user to query efficiently information stored in a network structure.

■ As to claim 18,

Kamper teaches a selection unit configured to receive an input from a user who selects a portion of the displayed information; and at least one database for storing therein at least one file (column 3 lines 16-23, et seq.).

■ As to claim 19,

Kamper teaches wherein said search unit is a search engine accessible by a browser (column 3 lines 16-23 et seq.).

■ As to claim 20,

Kamper teaches wherein the identification unit is configured to identify the word using a pointing device (Figure 5b, column 10 lines 33-37, et seq.).

■ As to claim 21,

Kamper teaches wherein the identification unit is configured to identify the word using a cursor position (Figure 5b, column 10 lines 33-37, et seq.).

■ As to claim 22,

Kamper teaches wherein the display unit is configured to display additional information without altering a file corresponding to the image on the display unit (column 3 lines 14 – 22, column 10 lines 26-37, et seq.).

■ As to claim 24,

Kamper teaches wherein the identification unit is configured to identify a non-linked word (Figure 5b, column 10 lines 26-37, et seq.).

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■ As to claim 25,

Kamper teaches when a file comprising a hypertext file or a non-hypertext file is displayed on the display unit, the identification unit is configured to identify a word from the file as the keyword specified by the cursor on the display unit (Figure 5b, column 10 lines 33-37, et seq.).

■ As to claim 26,

Kamper teaches a search criteria specification unit configured to display, on the display unit, in a space adjacent to the keyword, a menu for specifying search criteria for the search unit, the menu comprising menu items to be specified by a cursor; and a transfer unit configured to transfer the keyword and the menu items specified to the search unit (column 3 lines 16-23, et seq.)

■ As to claim 27,

Kamper teaches wherein the menu is for specifying at least one search database (column 3 lines 16-23, et seq.).

■ As to claim 28,

Kamper teaches an output criteria specification unit configured to display, on the display unit, in a space adjacent to the keyword, a menu for specifying output criteria of the search result (Figure 5c, f and h, column 3 lines 16 – 23, column 7 lines 55 – 58, et seq.).

■ As to claim 29,

Kamper teaches wherein the menu is for specifying where to output

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the result of the search (Figure 5c, f and h, column 3 lines 16 – 23, column 7 lines 55 – 58, et seq.).

■ Claims 30 – 31 are rejected based on the same rationale discussed in claim 2 rejection.

■ As to claim 32,

Fuji teaches displaying text corresponding to the search result as text in the pop-up menu (Figure 32, column 32 line 4 – 9, et seq.).

■ As to claim 33,

Fuji teaches determining text to be displayed in the pop-up menu, wherein the text corresponds to documents searched in obtaining the search result (Figure 32, column 32 line 4 – 9, et seq.).

■ As to claim 34,

Fuji teaches wherein text displayed in the pop-up menu varies according to the content of the search result (Figure 32, column 32 line 4 – 9, et seq.).

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Sangwoo Ahn whose telephone number is (571) 272-5626. The examiner can normally be reached on M-F 10-6.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Hosain Alam can be reached on (571) 272-3978. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Patent Examiner Sangwoo Ahn.
AU 2166

8/27/2007 SW



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SUPERVISORY PATENT EXAMINER